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Agriculture • Economics

# Reports

From USDA's Economic Research Service

Spring 1987

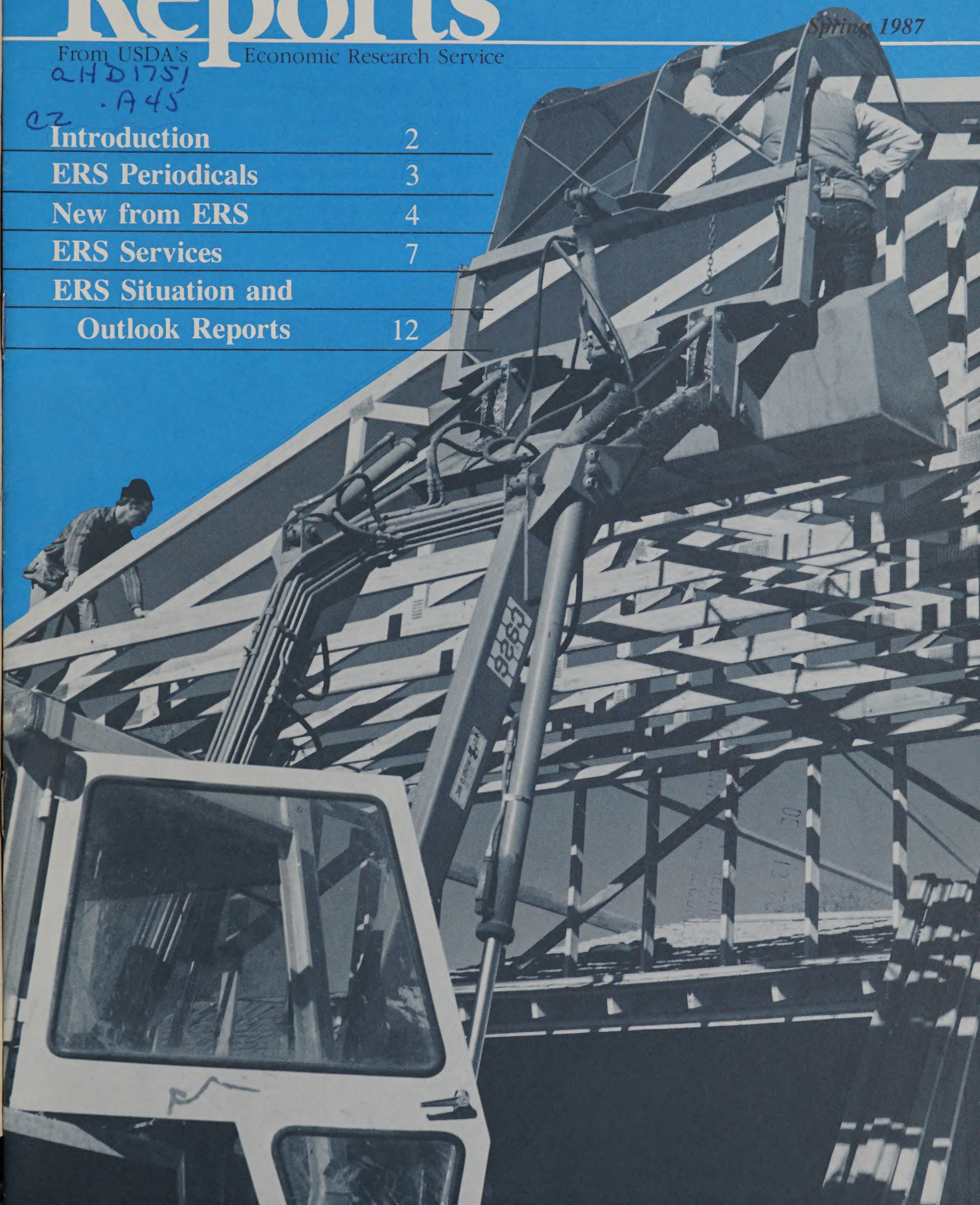
24D1751  
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**Introduction** 2

**ERS Periodicals** 3

**New from ERS** 4

**ERS Services** 7

**ERS Situation and  
Outlook Reports** 12





# Introduction

The economics agencies of the U.S. Department of Agriculture release up-to-date information on the domestic and foreign agricultural situation. Their reports estimate production and stocks, analyze market conditions, and forecast supply and demand.

This issue of **Reports** describes these and other publications issued by the Economic Research Service.

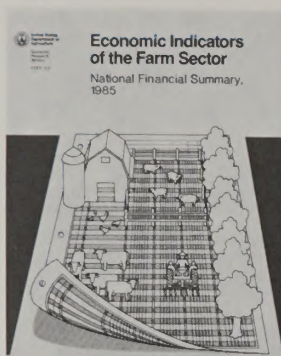
The Economic Research Service issues situation and outlook reports which analyze the current situation and forecast

market conditions for major commodities, farm inputs, and farm trade. See page 12. Other ERS periodicals, annual reports, and monographs are described on pages 3-5. Use the GPO coupon on pages 8-11.

**Reports** is a free quarterly catalog listing reports published by the economics agencies of the U.S. Department of Agriculture. To receive this free publication, send your name and address to: **Reports**, EMS Information-USDA, Rm 237, 1301 New York Ave., NW, Washington, DC 20005-4788.

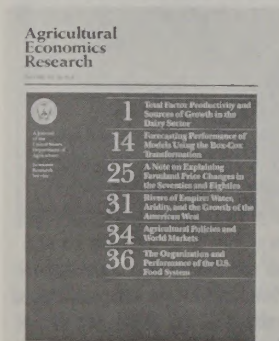






**Economic Indicators of the Farm Sector.** A series of 5 annual issues; averages more than 100 pages of statistics and analysis per issue. Subscription \$19.00 domestic; \$23.75 foreign.

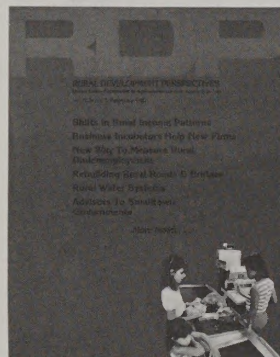
A comprehensive update on economic trends in U.S. agriculture. Each issue explores a different aspect of the economic situation of U.S. farms and farm operator income and expenses. Topics include national and State financial summaries, production and efficiency statistics, costs of production, and an annual overview of the entire farm sector.



**Agricultural Economics Research.** Quarterly journal; averages 52 pages per issue. Subscription \$13.00 domestic; \$16.25 foreign.

The latest in technical research in agricultural economics, in-

cluding econometric models and statistics focusing on methods employed and results of USDA economic research. Articles discuss commodity studies, functional analyses, and new or expanding areas of research and statistics. Also includes book reviews of current research in agricultural economics.



**Rural Development Perspectives.** 3 issues per year; averages 44 pages per issue. Subscription \$10.00 domestic; \$12.50 foreign.

This two-color periodical conveys in a crisp, nontechnical manner the chief results of new rural research and what those results mean for you. Shows the practical application of research in rural banking, aging, and housing, the nonmetro labor force and poverty, and farming policies' impact on rural areas.

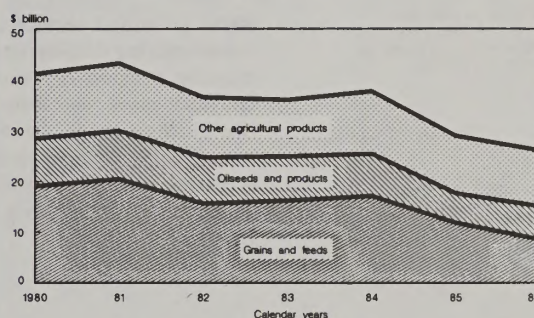
## U.S. Agricultural Exports Fall 10 Percent

U.S. agricultural exports fell 10 percent in value in calendar year 1986 to \$26 billion and 9 percent in volume to 108.7 million tons. However, imports rose \$1.1 billion to a record high of \$21.1 billion.

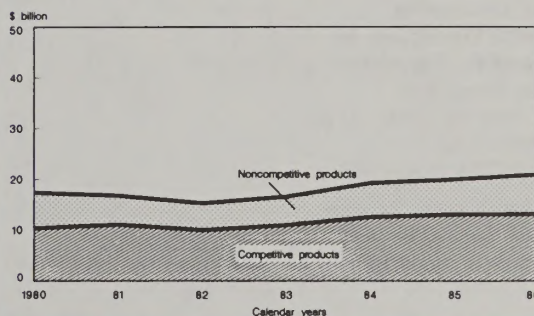
Rising grain production in importing countries cut overseas demand and U.S. exports. The USSR accounted for the largest drop by cutting its purchases of U.S. grain 11.6 million tons. World agricultural trade in key products fell in 1986. As world grain and oilseed stocks grew, prices fell, further reducing the value of U.S. exports. Imports rose because of higher world coffee prices, unfavorable U.S. weather, and strong consumer demand. Noncompetitive imports such as coffee and spices rose 14 percent in 1986 to \$7.9 billion. Competitive imports such as vegetables and fresh fruits remained virtually unchanged at \$13.2 billion.

Bulk commodity prices weakened, with only a few exceptions. World prices for primary commodities, excluding oil, fell about 7 percent in the first 11 months of 1986. Food prices fell even more sharply.

Value of U.S. Agricultural Exports

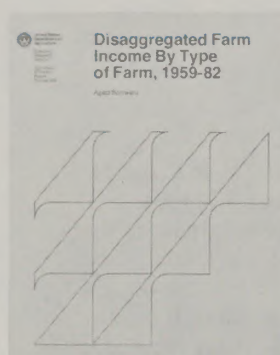


Value of U.S. Agricultural Imports



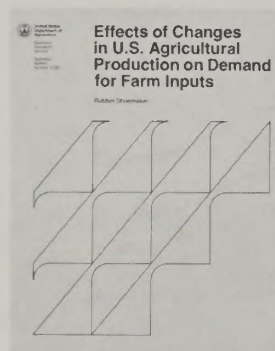
—From the January/February 1987 issue of FATUS. **Foreign Agricultural Trade of the United States.** 6 issues per year plus 2 supplements; averages 124 pages per issue. Subscription \$26.00 domestic; \$32.50 foreign.





**Disaggregated Farm Income by Type of Farm, 1959-82**, by Agapi Somwaru. AER-558. August 1986. 120 pp. \$5.50. Order SN: 001-019-00469-0 from GPO.

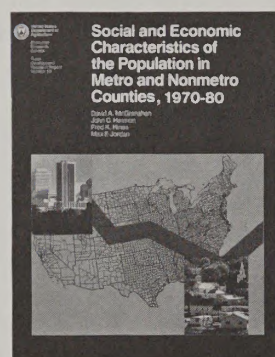
Analyzes changes in the number of farms by SIC type of farm and by value of sales class, changes in farm income, production expenses, and net returns. Farm production has become increasingly specialized and concentrated over the last 30 years.



**Effects of Changes in Agricultural Production on the Demand for Farm Inputs**, by Robbin Shoemaker. TB-1722. October 1986. 20 pp. \$1.25. Order SN: 001-019-00478-9 from GPO.

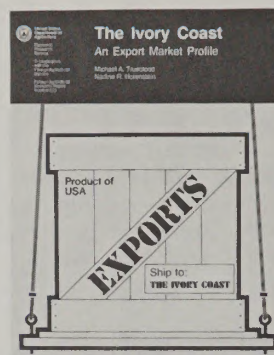
Demand varies more for some farm inputs than others with changes in farm output, input

prices, and technology, according to the model used in this report. Uses a decomposition technique to show the effects of each of those changes individually on farm inputs.



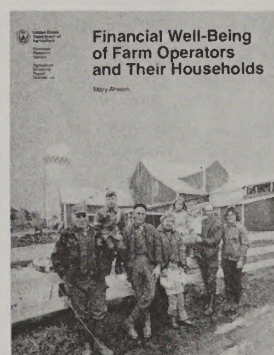
**Social and Economic Characteristics of the Population in Metro and Nonmetro Counties, 1970-80**. David A. McGranahan, John C. Hession, Fred K. Hines, and Max F. Jordan. September 1986. RDRR-58. 80 pp. \$3.75. Order SN: 001-019-00442-8 from GPO.

Rapid growth in service and manufacturing employment, increasing numbers of women in the work place, and a steep rise in single-parent families were leading changes in the economic and social profile of nonmetro counties during the 1970's.



**The Ivory Coast: An Export Market Profile**, by Michael A. Trueblood and Nadine R. Horenstein. FAER-223. September 1986. 44 pp. \$2.25. Order SN: 001-019-00471-1 from GPO.

Analyzes trends in food consumption in the Ivory Coast, presents current Ivorian agricultural policies and production trends, provides an overview of imports, and identifies strategies for expanding U.S. farm imports to this country.



**Financial Well-Being of Farm Operators and Their Households**, by Mary Ahearn. AER-563. September 1986. 44 pp. \$2.25. Order SN: 001-019-00483-5 from GPO.

Describes the diversity in the financial well-being of farming households by measuring their size distribution of personal income and farm wealth, and their income and wealth position relative to nonfarm households.



**Choosing Among Local Impact Models**, by Marlys Knutson Nelson and Lloyd D. Bender. RDRR-63. November 1986. 44 pp. \$2.25. Order SN: 001-019-00473-8 from GPO.

Summarizes the features, capabilities, and limitations of large-scale impact models and assesses the kinds of information produced and the differences in the techniques used in the estimation process.

**How Well Can Alternative Policies Reduce Rural Substandard Housing?** by Donald L. Lerman. RDRR-64. November 1986. 12 pp. \$1.00. Order SN: 001-019-00485-1 from GPO.

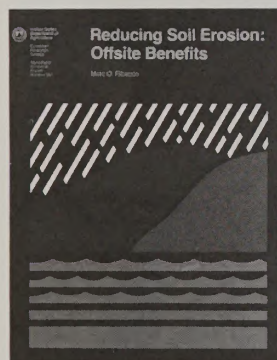
Examines where substandard housing is concentrated and compares two approaches to reduce substandard housing in rural areas: building new housing or subsidizing existing housing. Over 2 million of the Nation's 5.1 million substandard housing units were located in rural areas in 1981, with over half of them in the South.





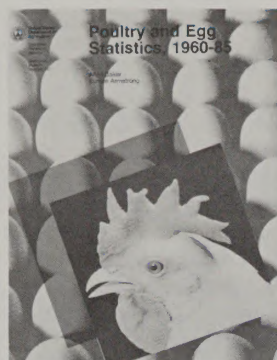
**U.S. Supermarkets: Characteristics and Services**, by Charlene Price and Doris Newton. AIB-502. November 1986. 32 pp. \$1.75. Order SN: 001-019-00489-4 from GPO.

Findings from a nationwide supermarket price survey in 1982. Twenty-nine percent of stores were open longer than 15 hours per day, with 42 percent of these open 24 hours. Fewer but larger stores than a decade ago characterize the U.S. supermarket industry.



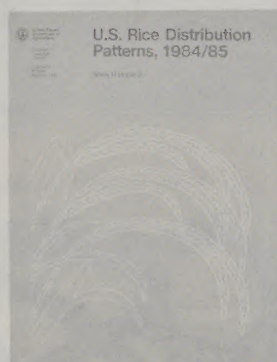
**Reducing Soil Erosion: Offsite Benefits**, by Marc O. Ribaud. AER-561. September 1986. 32 pp. \$1.75. Order SN: 001-019-00468-1 from GPO.

Estimates national offsite benefits of soil conservation, establishes a relationship between water-induced erosion and damages, and assesses offsite benefits from reduced soil erosion.



**Poultry and Egg Statistics, 1960-85**, by Allen Baker and Eunice Armstrong. SB-747. December 1986. 92 pp. \$4.25. Order SN: 001-019-00495-9 from GPO.

Summarizes historical data for the poultry and egg industries, including production, prices, foreign trade, and storage of broilers, turkeys, and eggs for 1960-85.



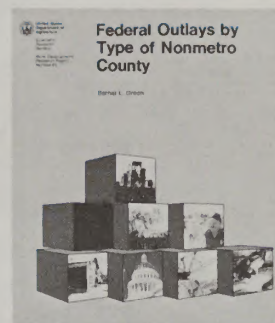
**U.S. Rice Distribution Patterns, 1984/85**, by Shelby H. Holder, Jr. SB-748. December 1986. 32 pp. \$1.75. Order SN: 001-019-00481-9 from GPO.

Assesses proportional market shares and trends of domestic rice distribution patterns. U.S. rice millers and repackagers distributed 33.7 million hundredweight of rice in marketing year 1984/85 for three domestic uses: direct food, processed foods, and beer.



**Food Consumption, Prices, and Expenditures 1985**. SB-749. January 1987. 128 pp. \$5.50. Order SN: 001-019-00499-1 from GPO.

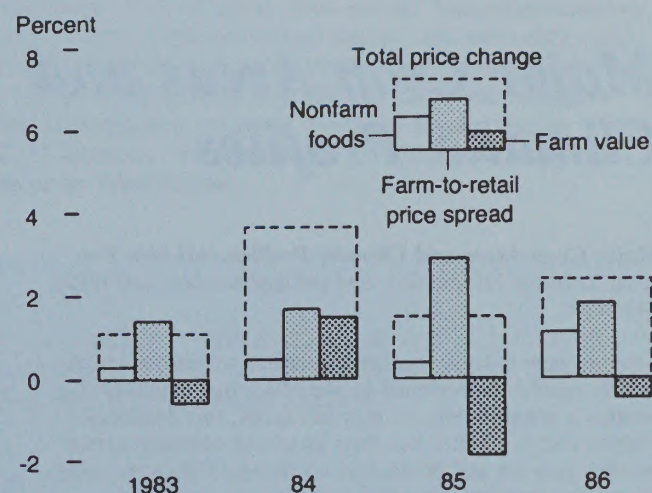
Presents 1965-85 data on per capita food consumption, prices, nutrient availability, food expenditures, and U.S. income and population. Per capita food consumption rose 2.2 percent in 1985 to a record.



**Federal Outlays by Type of Nonmetro County**, by Bernal L. Green. RDRR-65. January 1987. 24 pp. \$1.25. Order SN: 001-019-00493-2.

Uses a new method of grouping Federal payments into six categories to examine how the payments were distributed among eight types of nonmetro counties in fiscal year 1980.

### Components of Increases in Retail Food Prices



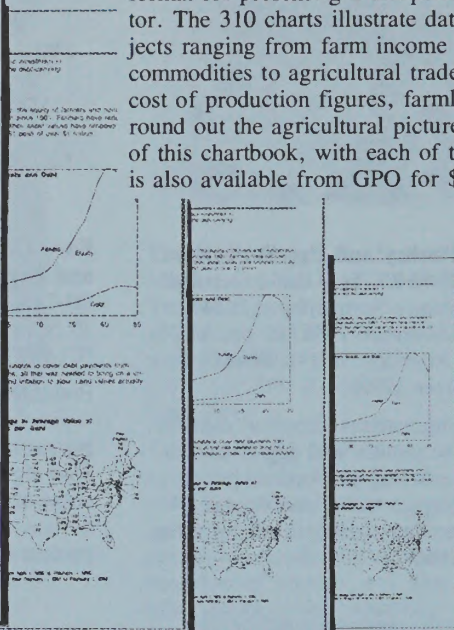
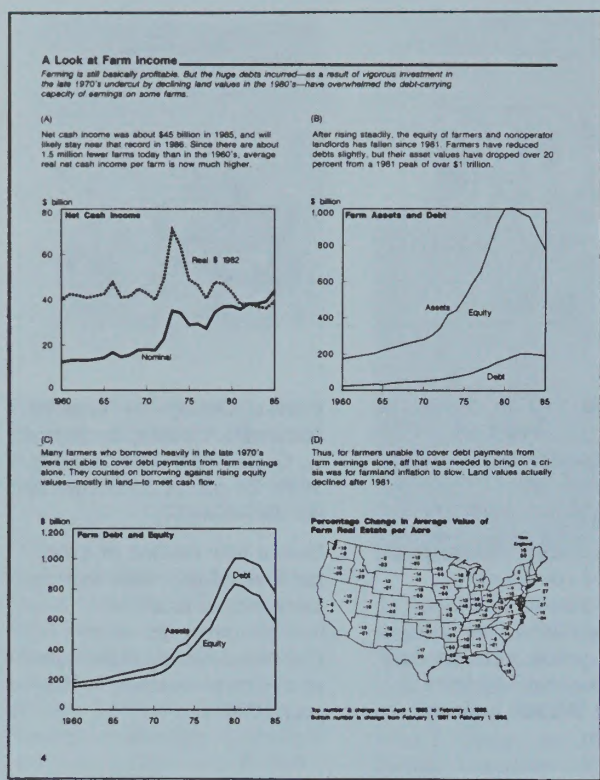
Taken from *Food Costs . . . From Farm to Retail*, due off press in April 1987. For your free copy, write EMS Information, Rm 237, 1301 New York Ave. NW, Washington, DC 20005-4788.



# 1986 Agricultural Chartbook

**1986 Agricultural Chartbook.** AH-663. November 1986. 124 pp. \$5.50. Order SN: 001-019-00488-6 from GPO.

A valuable research tool, popular teaching device, and convenient format for presenting a complete overview of the agricultural sector. The 310 charts illustrate data and trends for agricultural subjects ranging from farm income to consumer costs, and from commodities to agricultural trade. Charts showing food programs, cost of production figures, farmland numbers, and population trends round out the agricultural picture. NOTE: An enlargements version of this chartbook, with each of the 310 charts on a page of its own, is also available from GPO for \$15.00 per copy.



From the **1986 Agricultural Chartbook**. Use the coupon on page 10 for your copy.

## Major Crop Areas and Climatic Profiles

**Major Crop Areas and Climatic Profiles.** AH-664. For price, ordering information, and publication date, call (202) 447-3050.

Assesses how today's weather may affect tomorrow's commodity supplies. Developed by the office that monitors weather's potential effects on world crops, this handbook enables you to identify key crop areas and compare normal weather patterns and production levels with the current season's developments. Identifies key producing countries, concentrated production zones, and the normal timing of critical crop stages from planting to harvest for the world's most important crops. Provides benchmarks for gauging current developments: monthly normal temperature and precipitation patterns, recent 5-year averages of area, yield, and production by State or province, and 10 or more years of annual data on area, yield, production, exports, and ending stocks.





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Reports the latest developments in food prices, product safety, nutrition programs, consumption patterns, marketing, and production technology.

**Farmline.** 11 issues per year; averages 20 pages per issue. Subscriptions \$14.00 domestic; \$17.50 foreign.

Practical information, covering farm economics in an easily read style, reinforced with charts and statistics, for those without time to review all the technical reports. Covers such issues as production and marketing of farm commodities, world agricultural trade, farm finances, land and water use, productivity, cost and price trends, and farm inputs.



## Also Available from ERS

**Outlook '87 Charts: 63rd Annual Agricultural Outlook Conference** book of charts. Over 100 pages of charts and tables used at the 1986 Agricultural Outlook Conference in December 1986, covering world and U.S. agricultural outlook, feed grain situation, sugar and sweeteners, dairy, cattle, hogs and sheep, poultry and eggs, cotton,

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National Food Review	4	9.00	11.25
Farmline	11	14.00	17.50
Outlook '87 Charts		2.75	3.50
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# Other ERS Reports Published Since January 1984 Available from the

Following is a listing of all ERS reports currently available for sale from the U.S. Government Printing Office. Check titles you wish to purchase, and mail along with pages 10-11 to: Superintendent of Documents, U.S. Government Printing Office, Washington, D C 20402.

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U.S. Hog Industry. AER-511. June 1984. 116 pp. \$4.50. SN: 001-000-04408-7.
Impact of Ultra-High Temperature Milk on the U.S. Dairy Industry. AER-516. July 1984. 32 pp. \$1.50. SN: 001-019-00344-8.
The Africanized Honey Bee in the United States: What Will Happen to the U.S. Beekeeping Industry? AER-519. November 1984. 44 pp. \$2.25. SN: 001-019-00356-1.
Livestock and Meat Statistics, 1983. SB-715. December 1984. 184 pp. \$4.50. SN: 001-019-00369-3.
Milk Production: A Four-State Earnings Comparison. AER-528. February 1985. 48 pp. \$2.25. SN: 001-019-00376-6.
U.S. Rice Distribution Patterns, 1982/83. SB-723. March 1985. 40 pp. \$2.00. SN: 001-019-00384-7.
Factors Affecting U.S. Milk Production. AER-527. March 1985. 28 pp. \$1.75. SN: 001-019-00373-1.
A Quarterly Forecasting Model for U.S. Agriculture: Subsector Models for Corn, Wheat, Soybeans, Cattle, Hogs, and Poultry. TB-1700. May 1985. 52 pp. \$2.00. SN: 001-019-00390-1.
Cost of Retail Beef-Handling Systems: A Modeling Approach. TB-1704. June 1985. 64 pp. \$2.25. SN: 001-019-00404-5.
An Analysis of Cooperative Over-Pricing of Fluid Milk. TB-1708. August 1985. 52 pp. \$2.00. SN: 001-019-00401-1.
Increased Foreign Investment in U.S. Food Industries. AER-540. September 1985. 28 pp. \$1.00. SN: 001-019-00407-0.
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A Quarterly Model of the Livestock Industry. TB-1711. December 1985. 40 pp. \$1.50. SN: 001-019-00414-2.
Economies of Size in Hog Production. TB-1712. December 1985. 100 pp. \$3.50. SN: 001-019-00417-7.
U.S. Demand for Food: A Complete System of Price and Income Effects. TB-1714. December 1985. 60 pp. \$2.00. SN: 001-019-00433-9.
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## Consumer and Food

Product Diversification Trends in U.S. Food Manufacturing. AER-521. March 1985. 52 pp. \$2.25. SN: 001-019-00375-8.
Food Spending in American Households, 1980-81. SB-731. July 1985. 144 pp. \$5.00. SN: 001-019-00410-0.
Food Consumption, Prices, and Expenditures, 1964-84. SB-736. November 1985. 132 pp. \$4.25. SN: 001-019-00423-1.
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Specialty Grocery Wholesaling: Structure and Performance. AER-547. March 1986. 24 pp. \$1.00. SN: 001-019-00435-5.

## Farm and Land

Assessing Erosion on U.S. Cropland: Land Management and Physical Features. AER-513. July 1984. 24 pp. \$1.50. SN: 001-019-00341-3.
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An Economic Analysis of USDA Erosion Control Programs: A New Perspective. AER-560. August 1986. 80 pp. \$3.75. SN: 001-019-00448-7.
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## International Trade

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The 1984 U.S.-Japan Beef and Citrus Understanding: An Evaluation. FAER-222. July 1986. 44 pp. \$2.25. SN: 001-019-00452-5.
Selected Agricultural Statistics on Spain, 1970-82. SB-742. July 1986. 156 pp. \$7.50. SN: 001-019-00472-0.
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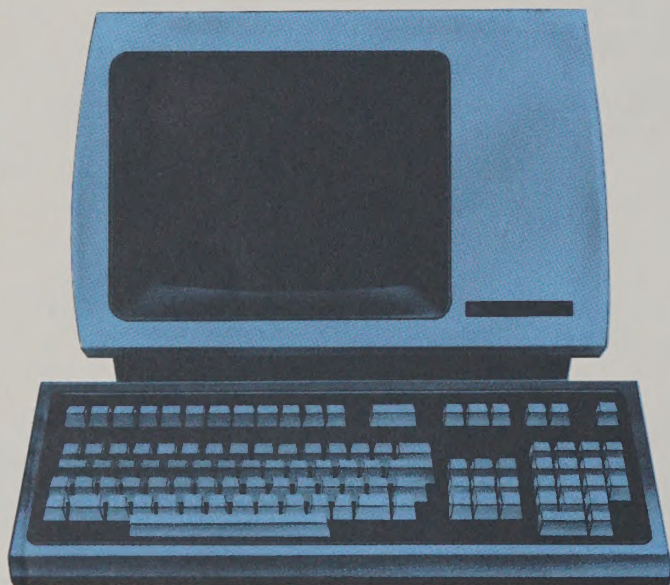


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